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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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**Complete if Known**

Application Number	10/776,450
Filing Date	February 11, 2004
First Named Inventor	Wesley K. M. Chong
Art Unit	1645
Examiner Name	TBA
Attorney Docket Number	PC19074A

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number-Kind Code <sup>2</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SL	AA	US 3,810,993	05-14-1974	Basel Dieter Duerr, et al.	
SL	AB	US 6,114,365	09-05-2000	Paolo Pevarello, et al	
SL	AC	US 6,262,096	07-17-2001	Sikim Kyoung, et al	
SL	AD	US 6,569,878	05-27-2003	Wesley K. M. Chong, et al.	
SL	AE	US 6,720,346	04-13-2004	Shao Song Chu, et al.	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
SL	AF	FR 1528249	06-19-1967	Ciba-Geigy AG		
SL	AG	WO 96/14843	05-23-1996	Cor Therapeutics, Inc.		
SL	AH	WO 97/34876	09-22-1997	Zeneca Limited		
SL	AI	EP 816362A	01-07-1998	Taisho Pharmaceutical Co., Ltd.		
SL	AJ	WO 98/04536	02-05-1998	Otsuka Pharmaceutical Company, Limited		
SL	AK	WO 99/21845	05-06-1999	Agouron Pharmaceuticals Inc.		
SL	AL	WO 99/24035	05-20-1999	Bristol-Myers Squibb Co.		
SL	AM	WO 99/62890	12-09-1999	Pfizer Products, Inc.		

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SL	AN	WO 00/17175	03-30-2000	Vertex Pharmaceuticals Incorporated		
SL	AO	WO 00/26202	05-11-2000	Pharmacia & Upjohn S.P.A.		
SL	AP	WO 00/26203	05-11-2000	Pharmacia & Upjohn S.P.A.		
SL	AQ	WO 00/75120	12-14-2000	Agouron Pharmaceuticals Inc.		
SL	AR	WO 01/144241	06-21-2001	Bristol-Myers Squibb Co.		
SL	AS	WO 01/44242	06-21-2001	Bristol-Myers Squibb Co.		
SL	AT	WO 02/57261	07-25-2002	F. Hoffmann-La Roche AG		
SL	AU	WO 03/04467	01-16-2003	Agouron Pharmaceuticals, Inc.		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SL	AV	AKAMA, T., et al., "Synthesis Of An Ethyl 6-Amino-3,5-Difluorosalicylate Derivative By Sequential Regioselective Directed-Ortho-Metalation: A Practical Synthesis of 4',5-Diamino-3',6,8- Trifluoroflavone, A Potent Antitumor Agent," <i>Synthesis</i> , 1997, 1446-1450.	
SL	AW	BAER, R., et al., "A Novel Solid-Phase Approach To 2,4-Diaminothiazoles," <i>J. Comb. Chem.</i> , 2001, 16-19, vol. 3.	
SL	AX	BAGSHAW, K., "Antibody-Directed Enzyme Prodrug Therapy: A Review," <i>Drug Development Research</i> , 1995, 220-230, vol. 34.	
SL	AY	BENNETAU, B., et al., "Fonctionnalisation Regioselective En Position 2 De Benzenes 1,3- Disubstitues," <i>Tetrahedron</i> , 1993, 10843-10854, vol. 49, no. 47.	

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SL	AZ	BERTOLINI, G., et al., "A New Rational Hypothesis For The Pharmacophore Of The Active Metabolite Of Leflunomide, A Potent Immunosuppressive Drug," <i>J. Med. Chem.</i> , 1997, 2011-2016, vol. 40.	
SL	BA	BINU, R. et al., "Synthesis And Cyclization Of 1-(N-Nitroamidino) Thioureas To 2,4-Diaminothiazoles," <i>Org. Prep. Proced. Intl.</i> , 1998, 93-96, vol. 30, no. 1.	
SL	BB	BODOR, N., "Novel Approaches To The Design Of Safer Drugs: Soft Drugs And Site-Specific Chemical Delivery Systems," <i>Advances in Drug Research</i> , 1984, 254-331, vol. 13.	
SL	BC	BORGEN, R., et al., "Proton Magnetic Resonance Spectra Of Thiazoles," <i>Acta. Chemica Scandinavica</i> , 1966, 2593-2600, vol. 20.	
SL	BD	BUOLAMWINI, J., "Cell Cycle Molecular Targets In Novel Anticancer Drug Discovery," <i>Current Pharmaceutical Design</i> , 2000, 379-392, vol. 6.	
SL	BE	CHEMICAL ABSTRACTS, 1969, CIBA Ltd., vol. 71, 263, 30206e.	
SL	BF	CHEN, G., et al., "Syntheses Of 2,5- and 2,6-Difluoronorepinephrine, 2,5-Difluoropinephrine, And 2,6-Difluorophenylephrine: Effect Of Disubstitution With Fluorine On Adrenergic Activity," <i>J. Med. Chem.</i> , 1993, 3947-3955, vol. 36.	
SL	BG	CHUCHANI, G., et al., "Tritylation Of Aminobenzenethiois," <i>J. Chem. Soc. C</i> , 1969, 1436-1437.	
SL	BH	CREWS, C., et al., "Small-Molecule Inhibitors Of The Cell Cycle," <i>Current Opinion in Chemical Biology</i> , 2000, 47-53, vol. 4.	
SL	BI	DEAR, G., et al., "Mass Directed Peak Selection, An Efficient Method Of Drug Metabolite Identification Using Directly Coupled Liquid Chromatography-Mass Spectrometry-Nuclear Magnetic Resonance Spectroscopy," <i>Journal of Chromatography B</i> , 2000, 281-293, vol. 748.	
SL	BJ	DEVI, S., et al., "Synthesis Of 2,4-Diamino-5-(FUR-2-OYL), (THIEN-2-OYL), And (PYRID-2-OYL) Thiazoles," <i>Synthetic Communications</i> , 2002, 1523-1528, vol. 32, no. 10.	
SL	BK	GEWALD, V., et al., "4-Amino-Thiazole," <i>J. Pract. Chem.</i> , 1967, 97-104, vol. 35.	

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SL	BL	GRAY, N., et al., "ATP-Site Directed Inhibitors Of Cyclin-Dependent Kinases," <i>Current Medicinal Chemistry</i> , 1999, 859-875, vol. 6.	
SL	BM	HERNANDEZ, A., et al., "Solid-Supported <i>Tert</i> -Alkoxyacylation Reagents For Anchoring Of Amines During Solid Phase Organic Synthesis," <i>J. Org. Chem.</i> , 1997, 3153-3157, vol. 62.	
SL	BN	HOSOI, T., et al., "Evidence For cdk5 As A Major Activity Phosphorylating Tau Protein In Porcine Brain Extract," <i>J. Biochem.</i> , 1995, 741-749, vol. 117.	
SL	BO	JEFFREY, P., et al., "Mechanism Of CDK Activation Revealed By The Structure Of A cyclinA-CDK2 Complex," <i>Nature</i> , 1995, 313-320, vol. 376.	
SC	BP	JENARDANAN, G., et al., "1-(N-Arylthiocarbamoyl) Amidino-3,5-Dimethyl Pyrazoles-Preparation And Use In Heterocycle Synthesis," <i>Synthetic Communications</i> , 1997, 3457-3462, vol. 27, no. 19.	
SL	BQ	JONES, T., et al., "Structure-Based Design Of Lipophilic Quinazoline Inhibitors Of Thymidylate Synthase," <i>J. Med. Chem.</i> , 1996, 904-917, vol. 39.	
SL	BR	JOSHI, K., et al., "Studies In Fluorinated 1,3-Diketones And Related Compounds Part XIII: Synthetic And Spectral Studies Of Some New Fluorinated <i>Tris</i> Europium 1,3-Diketones," <i>J. Indian, Chem. Soc.</i> , 1982, 293-294, vol. 59.	
SL	BS	KIMBALL, S., et al., "Cell Cycle Kinases And Checkpoint Regulation In Cancer," <i>Ann. Rep. Med. Chem.</i> , 2001, 139-148, vol. 36.	
SL	BT	KING, C., et al., "Selective Bromination With Copper (II) Bromide," <i>J. Org. Chem.</i> , 1964, 3459-3461, vol. 29.	
SL	BU	KRAZER, B., et al., "The Nature Of The Bond Between reactive Dyes And Cellulose," <i>Helvetica Chimica Act.</i> , 1960, 1513-1519, vol. 43.	
SL	BV	KUO, Y., et al., "A New Method For Preparation Of 3-Hydroxypyridines From Furfurylamines By Photooxygenation," <i>Chem. Pharm. Bull.</i> , 1991, 181-183, vol. 39, no. 1.	
SL	BW	LEE, R., et al., "New Synthetic Cluster Ligands For Galactose/N-Acetylgalactosamine-Specific Lectin Of Mammalian Liver," <i>Biochemistry</i> , 1984, 4255-4261, vol. 23.	

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SL	BX	MASQUELIN, T., et al., "A New General Three Component Solution-Phase Synthesis Of 2-Amino-1,3-Thiazole And 2,4-Diamino-1,3-Thiazole Combinatorial Libraries," <i>Tetrahedron</i> , 2001, 153-156, vol. 57.	
SL	BY	MC KEE, R., et al., "p-Substituted Phenyl Isothiocyanates And Some Related Thioureas," <i>J. Am. Chem. Soc.</i> , 1946, 2506-2507, vol. 68.	
SL	BZ	MC MORRIS, T., et al., "Improved Synthesis Of Brassinolide," <i>J. Chem. Soc. Perkin Trans. 1</i> , 1996, 295-302.	
SL	CA	MEIJER, L., et al., "Chemical Inhibitors Of Cyclin-Dependent Kinases," <i>Methods in Enzymology</i> , 1997, 113-128, vol. 283.	
SL	CB	METZGER, J., et al., "Organometallic Derivatives of Thiazole. II. Organolithium Derivs," <i>Bulletin de la Societe Chimique de France</i> , 1953, 708-709.	
SL	CC	MLOTKOWSKA, B., et al., "Reactions Of 2,4- And 2,6-Dichlorophenacylidene Halides With Trialkylphosphites In Protic Solvents. Direct Evidence For The "Enolate Anion" Pathway," <i>Polish Journal of Chemistry</i> , 1981, 631-642, vol. 55.	
SL	CD	MOSMANN, T., et al., "Rapid Colorimetric Assay For Cellular Growth And Survival: Application To Proliferation And Cytotoxicity Assays," <i>Journal of Immunological Methods</i> , 1983, 55-63, vol. 65.	
SL	CE	PARAST, C., et al., "Characterization And Kinetic Mechanism Of Catalytic Domain Of Human Vascular Endothelial Growth Factor Receptor-2 Tyrosine Kinase (VEGFR2 TK), A Key Enzyme In Angiogenesis," <i>Biochemistry</i> , 1998, 16788-16801, vol. 37.	
SL	CF	PIEPER, H., et al., "Preparation And Biological Activity Of New Substituted Antimalarial Diaminodiphenylsulfones," <i>Arzneim. Forsch.</i> , 1989, 1073-1080, vol. 39, no. 11.	
SL	CG	PROX., A., et al., "Rapid Structure Elucidation Of Drug Metabolites By Use Of Stable Isotopes," <i>Xenobiotica</i> , 1973, 103-112, vol. 3, no. 2.	
SL	CH	RAJASEKHARAN, K., et al., "Studies On The Synthesis Of 5-Acyl-2,4-Diaminothiazoles From Amidinothioureas," <i>Synthesis</i> , 1986, 353-355.	
SL	CI	ROSANIA, G., et al., "Targeting Hyperproliferation Disorders With Cyclin Dependent Kinase Inhibitors," <i>Expert Opinion On Therapeutic Patents</i> , 2000, 215-230, vol. 10, no. 2.	

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SL	CJ	ROSENBLATT, J., et al., "Purification And Crystallization Of Human Cyclin-Dependent Kinase 2," <i>J. Mol. Biol.</i> , 1993, 1317-1319, vol. 230.	
SL	CK	SCHANG, L., et al., "Roscovitine, A Specific Inhibitor Of Cellular Cyclin-Dependent Kinases, Inhibits Herpes Simplex Virus DNA Synthesis In The Presence Of Viral Early Proteins," <i>Journal Of Virology</i> , 2000, 2107-2120, vol. 74, no. 5.	
SL	CL	SHAN, D., et al., "Prodrug Strategies Based On Intramolecular Cyclization Reactions," <i>Journal Of Pharmaceutical Sciences</i> , 1997, 765-767, vol. 86, no. 7.	
SL	CM	SIELECKI, T., et al., "Cyclin-Dependent Kinase Inhibitors: Useful Targets In Cell Cycle Regulation," <i>Journal of Medicinal Chemistry</i> , 2000, 1-18, vol. 43, no. 1.	
SL	CN	SPRAUL, M., et al., "Liquid Chromatography Coupled With High-Field Proton NMR For Profiling Human Urine For Endogenous Compounds And Drug Metabolites," <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1992, 601-605, vol. 10, no. 8.	
SL	CO	STILL, W., et al., "Rapid Chromatographic Technique For Preparative Separations With Moderate Resolution," <i>J. Org. Chem.</i> , 1978, 2923-2925, vol. 43, no. 14.	
SL	CP	STOVER, D., et al., "Recent Advances In Protein Kinase Inhibition: Current Molecular Scaffolds Used For Inhibitor Synthesis," <i>Current Opinion In Drug Discovery</i> , 1999, 274-285, vol. 2, no. 4.	
SL	CQ	TAKAHASHI, T., et al., "Syntheses Of Heterocyclic Compounds Of Nitrogen LXXXVIII," <i>Pharm. Bull.</i> , 1954, 30-34, vol. 2, no. 1.	
SL	CR	TOOGOOD, P., et al., "Cyclin-Dependent Kinase Inhibitors For Treating Cancer," <i>Medicinal Research Reviews</i> , 2001, 487-498, vol. 21, no. 6.	
SL	CS	TOPLISS, J., et al., "Antihypertensive Agents. I. Non-Diuretic 2H-1,2,4-Benzothiadiazine 1,1-Dioxides," <i>J. Med. Chem.</i> , 1963, 122-127, vol. 6.	
SL	CT	UHER, M., et al., Chemicke Zvesti, 21, 44-56, Chem. Abs. 43495, 1967	
SL	CU	WEBSTER, K., et al., "The Therapeutic Potential Of Targeting The Cell Cycle," <i>Expert Opinion On Investigational Drugs</i> , 1998, 865-887, vol. 7 no. 6.	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/776,450

Filing Date February 11, 2004

First Named Inventor Wesley K. M. Chong

Art Unit 1645

Examiner Name TBA

Attorney Docket Number PC19074A

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SL	CV	YANO, Y., et al., "Stimulatory Effects Of Lipoprotein(a) And Low-density Lipoprotein On Human Umbilical Vein Endothelial Cell Migration And Proliferation Are Partially Mediated By Fibroblast Growth Factor-2," Biochimica et Biophysica Acta, 1998, 26-34, vol. 1393.	

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